SOUNDTRANSIT

MOTION NO. M2013-50

A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a contract with JCM Northlink LLC, a Joint Venture, to construct underground tunnels from the University of Washington Station to the Maple Leaf Portal for the Northgate Link Extension in the amount of $440,321,000, with a 5% contingency of $22,016,050, for a total authorized contract amount not to exceed $462,337,050.

BACKGROUND:

The Northgate Link Extension is a 4.3-mile extension of light rail from the University of Washington Station north under the campus via twin-bored tunnels to an underground station in the University District (U District Station), an underground station along 12th Avenue NE between NE 65th Street and NE 67th Street (Roosevelt Station), and continuing to an elevated station east of 1st Avenue NE, spanning NE 103rd Street (Northgate Station). The Northgate Link Extension is scheduled to be complete and ready for revenue service in September 2021.

Final design of Northgate Link Extension began in October 2010. The initial construction work for building demolition and hazardous materials abatement at underground station locations began in 2012. Advance utility relocation work required to prepare the Roosevelt site for station excavation was completed in February 2013.

Under this contract, the contractor will install shoring and then excavate two underground station boxes at Roosevelt and the U-District, and the portal at the Maple Leaf neighborhood. The station box excavations are approximately 400 feet long and average about 90 feet deep. Two tunnel boring machines (TBMs) will be erected in the Roosevelt Station box and launched to bore southward to the U District Station. The TBMs will arrive at the U District Station where they will be inspected, refurbished as necessary, and then launched on their final leg to the University of Washington Station. While this work is progressing a single TBM will be launched southward from the Maple Leaf Portal and will bore about 8,000 feet to the Roosevelt Station. It will be retrieved from the station box and returned to the Maple Leaf Portal, where it will be re-launched to complete the second bore to the Roosevelt station. Tunneling work will be followed by construction of 23 cross-passages to provide emergency access between the two tunnels. Finally, the tunnels will be fitted out with a flat bottom slab on which rails will be placed, emergency walkways and handrails, fire protection piping, and tunnel lighting systems. This contract is on the critical path for the Northgate Link Project and it has the longest construction duration of any Northgate Link contract at approximately 51 months.

The contract was advertised for bids in March 2013 and six bids were received. JCM Northlink LLC, a Joint Venture of Jay Dee Contractors, Inc., Frank Coluccio Construction Company, and Michels Corporation was the lowest responsive and responsible bidder. JCM's bid price was $440,321,000. Four of the other five bids were within 6% of the low bid. The engineer's estimate for the N125 Contract was $594,803,500.

Environmental compliance pursuant to the National Environmental Policy Act (NEPA) and State Environmental Policy Act (SEPA) was completed with the North Link Final Supplemental Environmental Impact Statement (EIS) issued on April 7, 2006. The FTA issued a Record of Decision for North Link in June 2006. In March 2012 Sound Transit published the SEPA Addendum to the North Link Final Supplemental Environmental Impact Statement describing design refinements and evaluating the changes in potential impacts as a result of the refinements.

MOTION:

It is hereby moved by the Board of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to execute a contract with JCM Northlink LLC, a Joint Venture, to construct underground tunnels from the University of Washington Station to the Maple Leaf Portal for the Northgate Link Extension in the amount of $440,321,000, with a 5% contingency of $22,016,050, for a total authorized contract amount not to exceed $462,337,050.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on July 25, 2013.

Pat McCarthy
Board Chair

ATTEST:

Marcia Walker
Board Administrator